

ABSTRACT OF THE DISCLOSURE

On a Web document a user interface element such as a link or hypertext link is associated with a first path leading to a first resource. Similarly in a list of bookmarks, a bookmark is associated with a first path leading to a first resource. If the first path is invalid, the element is associated with a valid sub-path of the first path. A visual indicator may be caused to indicate the level of validity of the first path. The first path associated with the element may be replaced by the valid sub-path. The first path may comprise a series of hierarchical locations on a network. The sub-path may be derived from the original path by going up at least one location in the series of hierarchical locations.

[illegible]